



# Missouri Floodplain Management E-Bulletin

March, 2019

State Emergency Management Agency (SEMA)  
Floodplain Management Section

Volume 1, Issue 6

## Floodplain Management Staff:

- Karen McHugh, CFM  
State NFIP Coordinator  
(573) 526-9129  
karen.mchugh@sema.dps.mo.gov
- Lori Blatter, CFM  
Floodplain Management Officer  
(573) 526- 9135  
lori.blatter@sema.dps.mo.gov
- Linda Olsen, CFM  
Emergency Management Officer II  
(573) 526-9115  
linda.olsen@sema.mo.gov

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## Issue 6 - Floodplain Management E-Bulletin

It's 2019 already and time for the years' first *Missouri Floodplain Management E-Bulletin*! If you have floodplain management topics that you would like to see covered in future issues, please send your suggestions to this email address:

karen.mchugh@sema.dps.mo.gov

We're always looking for flooding photos, elevated structure photos, projects demonstrating stormwater techniques or "green" projects, so please share them with us! Be sure to include your name, the location, and the date of the photo.



Photo: Ozark County, Missouri

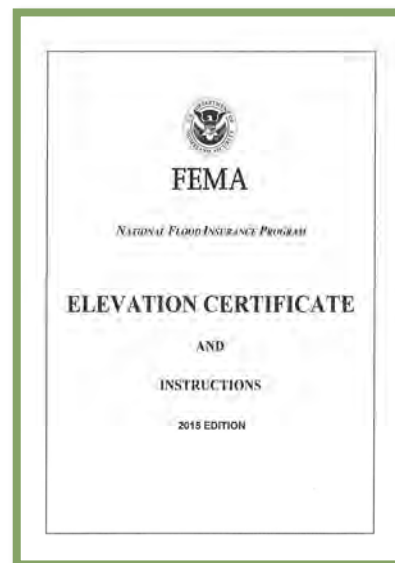
## Elevation Certificate (EC) Basics Workshop is for Everyone!!

The Missouri State Emergency Management Agency Floodplain Management Section will host a **FREE** Elevation Certificate Workshop this spring. This course will provide detailed training on completing a FEMA Elevation Certificate (EC) accurately and completely. Two EC workshops are being offered and are limited to 30 attendees per workshop. This workshop has been approved for six (6) Continuing Education Credits (CECs) for Certified Floodplain Managers (CFMs).

The EC workshop details are:

**Tuesday**  
**April 30, 2019**  
**St. Charles County**  
**Administration Bldg.**  
**201 N. 2<sup>nd</sup> Street**  
**Room 115/116**  
**St. Charles, MO**

**Wednesday**  
**May 1, 2019**  
**Cole County Emerg.**  
**Services Bldg.**  
**1736 Southridge Dr.**  
**Jefferson City, MO**



The registration forms are available here: <https://sema.dps.mo.gov/programs/floodplain/workshops.php>  
Please direct questions and completed registration forms to Lori Blatter:  
lori.blatter@sema.dps.mo.gov

## State of Missouri Floodplain Management Section

PO Box 116

Jefferson City, Missouri 65102

Phone: 573-526-9129

### Mission Statement of the Floodplain Management Section:

The mission of Missouri's comprehensive floodplain management program is to make the State and its citizens less vulnerable to the impact of flooding through the effective administration of statewide floodplain management and to provide local communities with the tools and resources for managing, assessing, and planning for development in floodprone areas; to save lives; and to protect property.

## Social Media:



### Other Contact Information: National Flood Insurance Program

Ally Bishop, Region VII Regional Manager

Phone: 913-837-5220

ally.bishop@associates.fema.dhs.gov

Christopher (Chris) Parsons, NFIP Insurance Specialist

Phone: 816-283-7980

christopher.parsons@fema.dhs.gov

Todd Tucker, Natural Hazards Program Specialist

Phone: 816-283-7528

todd.tucker@fema.dhs.gov

## New Silver Jackets Project: Historic Flood Signs! A New Opportunity for Communities

As part of the common interagency efforts, the State Risk Management Team and SEMA invite communities in Missouri to apply for **FREE** historic flooding signs. These durable signs will be made free for interested communities using the application at this link: <https://silverjackets.nfrmp.us/Portals/0/doc/Missouri/Missouri%20Historic%20Flood%20Sign%20Application.pdf?ver=2018-02-22-223005-177>

The signs will capture past events using a photo, historic high water marks, flood depths, loss of life, and historic flood damages that the community has experienced. Communities can apply for signs in as many locations as they want, while the project budget lasts. Some communities are even setting up a flood tour using the signs as guides. Offer ends **September 30, 2019**.



### 2019 Tools of Floodplain Management Workshop!

March 20, 2019 - 1st day 1:00 pm - 5:00 pm  
March 21, 2019 - 2nd day 8:00 am - 3:00 pm

May 15, 2019 - 1st day 1:00 pm - 5:00 pm  
May 16, 2019 - 2nd day 8:00 am - 3:00 pm

July 17, 2019 - 1st day 1:00 pm - 5:00 pm  
July 18, 2019 - 2nd day 8:00 am - 3:00 pm

September 25, 2019 - 1st day 1:00 pm - 5:00 pm  
September 26, 2019 - 2nd day 8:00 am - 3:00 pm

To register for the course, visit:  
<http://www.mfsma.org/coursesworkshops.html>.

### 2019 Certified Floodplain Managers Exam/Workshop Dates:

March 27, 2019 - NFIP Training Workshop 9:00 am - 12:00 pm  
March 29, 2019 - CFM Exam 9:00 am - 12:00 pm

August 7, 2019 - NFIP Training Workshop 1:00 pm - 5:00 pm  
August 8, 2019 - CFM Exam 9:00 am - 12:00 pm

October 30, 2019 - NFIP Training Workshop 1:00 pm - 5:00 pm  
October 31, 2019 - CFM Exam 9:00 am - 12:00 pm

To apply, visit :<https://www.floods.org>

### SEMA Floodplain Management Website

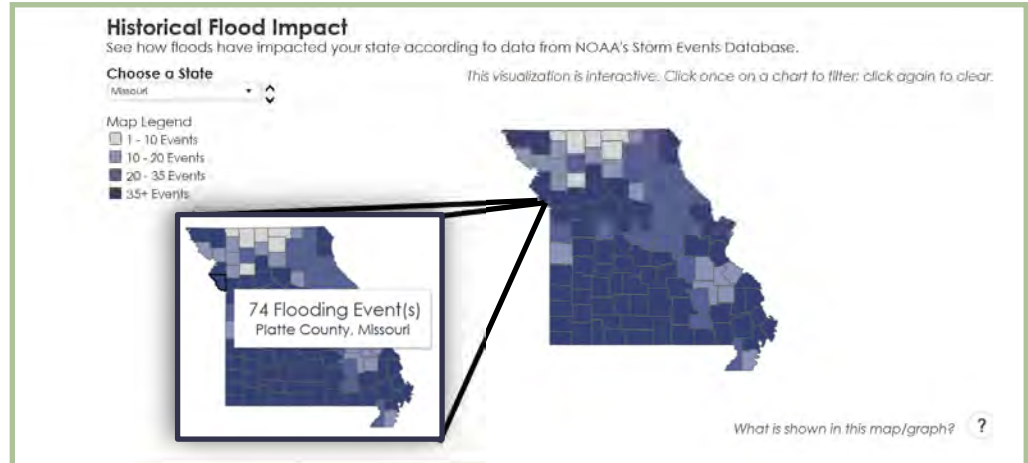
We hope that you are enjoying our website! It is loaded with things that can assist a Floodplain Administrator with Floodplain Management duties. Follow this link: <https://sema.dps.mo.gov/programs/floodplain/> for Floodplain Forms, Workshop/Training Opportunities, CFM Training and Exam information, downloadable version of the Quick Guide, NFIP E-Bulletins, Floodplain Simulation Model forms, Technical Bulletins & NFIP Guidance, Floodplain Development Flow Chart, and a link to the SEMA Floodplain Mapping Portal and Floodplain Management staff contact information.



Flooded house.  
Photographer: Steve Samuelson

Follow this link to an interactive data tool that will allow you to better understand historical flood risk and potential flood-related costs in Missouri: <https://www.fema.gov/data-visualization-floods-data-visualization>

This site has statistics on historical flooding that can be useful when Floodplain Administrators encourage citizen to purchase flood insurance.



**“We have a job to do together.”**

Paul J. Taylor,  
FEMA Region VII  
Regional  
Administrator



### **Cost of Flooding Tool**

Flooding can be an emotionally and financially devastating event. Without flood insurance, most residents have to pay out of pocket or take out loans to repair and replace damaged items. With flood insurance, you're able to recover faster and more fully. The National Flood Insurance Program had developed a cost of flooding tool to help people see how much flood damage—even from just a few inches of water—could cost. Follow this link to access this tool: <https://www.floodsmart.gov/costOfFlooding/index.html>

Source: FEMA.gov, Big Cost of Flooding



John LaRandeau, USACE (Retired) edited a film that was produced in 1964 by the Mississippi Valley Association through its Missouri Rivers Shippers Committee. The film *The Missouri Basin: Promise of Tomorrow* can be viewed by following this link:

<https://youtu.be/75vCgNVpxKw>

The source of the file is from the President Harry S Truman Library MP76-71.



**Severe Weather Preparedness Week**

Missourians are encourage to take action during Severe Weather Preparedness Week, which includes the March 5th statewide tornado drill.

The official press release can be viewed by following this link:

<https://sema.dps.mo.gov/news/newsitem/uuid/7a40b8db-2543-4cca-b7da-4886509f6661>



Each year, more deaths occur due to flooding than from any other hazard. The Centers for Disease Control and Prevention report that over half of all flood-related drowning occur when a vehicle is driven into hazardous flood water. The next highest percentage of flood-related deaths is due to walking into or near flood waters. People underestimate the force and power of water. Many deaths occur in automobiles as they are swept downstream. Of those drownings, many are preventable, but too many people continue to drive around barriers warning that the road is flooded. A mere 6 inches of fast-moving flood water can knock over an adult. It takes just 12 inches of rushing water to carry away a small car, while 2 feet of rushing water can carry away most vehicles. It is NEVER safe to drive or walk into flood waters.

<https://www.nws.noaa.gov/os/water/tadd/>

**CRS Corner**

Congratulations to the City of Blue Springs! On October 1, 2018 the city entered the CRS program as a CRS Class 9!

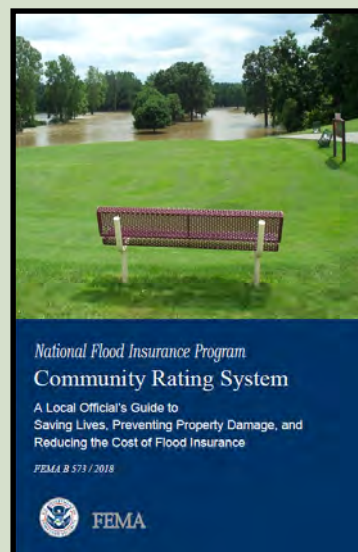
Listed below are the Missouri communities that participate in the CRS Program!

Community	County	CID	CRS Entry	Current Effective Date	Current CRS Class	% Discount	% Discount Non-SFHA
Blue Springs	Jackson	290169	10/1/2018	10/1/2018	9	5%	5%
Brentwood	St. Louis	290338	5/1/2016	5/1/2016	9	5%	5%
Florissant	St. Louis	290352	10/1/2013	10/1/2013	8	10%	5%
Hannibal	Ralls, Marion	290223	5/1/2011	10/1/2016	9	5%	5%
Independence	Clay, Jackson	290172	10/1/1991	5/1/2017	9	5%	5%
Kansas City	Jackson	290173	10/1/2009	5/1/2016	7	15%	5%
Lincoln County	Lincoln	290869	5/1/2018	5/1/2018	7	15%	5%
Maryland Heights	St. Louis	290889	10/1/2013	10/1/2017	7	15%	5%
O'Fallon	St. Charles	290314	5/1/2017	5/1/2017	9	5%	5%
Platte County	Platte	290475	5/1/2009	5/1/2010	5	25%	10%
St. Charles County	St. Charles	290315	10/1/2001	5/1/2008	7	15%	5%

**For more information, contact the following CRS experts:**

Melissa A. Mitchell, CFM	Todd Tucker
ISO/CRS Specialist	FEMA Region VII
(913) 543-0632	(816) 283-7528
mmitchell@iso.com	todd.tucker@fema.dhs.gov

For the latest version of the CRS Coordinator's Manual and other related documents go to:  
<http://training.fema.gov/EMIWeb/CRS/>



<https://www.fema.gov/media-library/assets/documents/16104>

Missouri Floodplain and Stormwater Managers Association, Inc.

## 2019 MfSMA ANNUAL CONFERENCE

March 27th-29th

*Tan-Tara Conference Center  
Osage Beach, MO*



To Register for the MfSMA Conference, follow this link:  
<http://www.mfsma.org/annual-conference.html>

**MAY 19-23**

**#ASFPM2019**



To Register for the ASFPM Conference, follow this link:

<http://www.asfpmconference.org/2019/>